

What's in the box?

In addition to this guide, the package includes the following items:



iSOS-300-IP65



Screw Driver

Technical Support

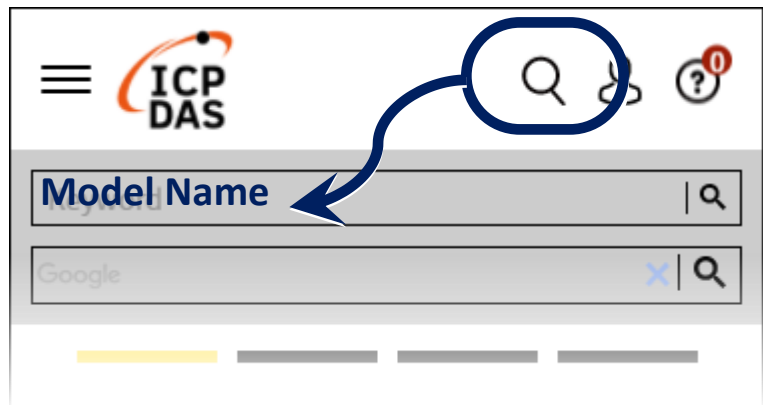
service@icpdas.com

www.icpdas.com

Resources

How to search for drivers, manuals and spec information on ICP DAS website.

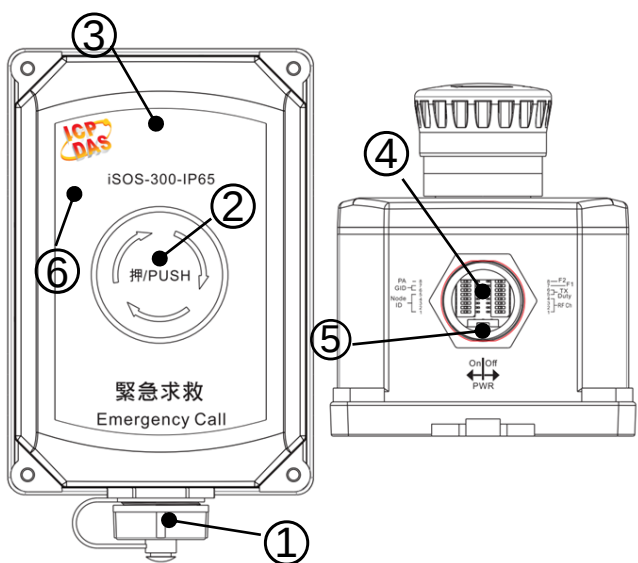
- For Mobile Web



- For Desktop Web

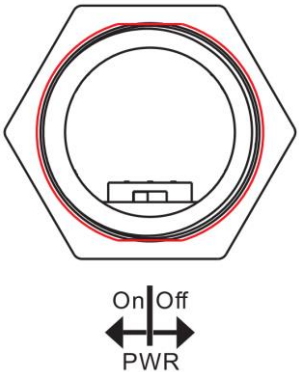


1 Appearance



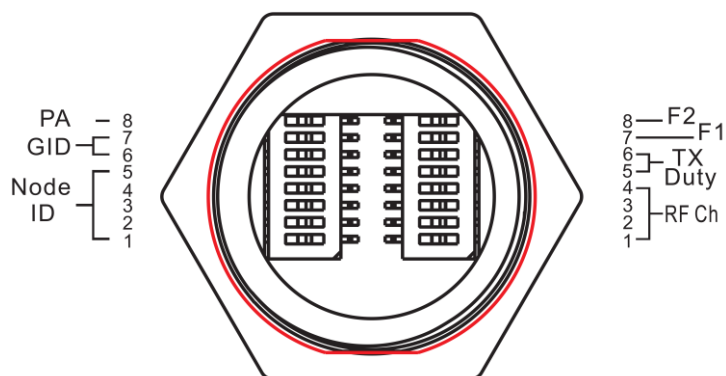
Number	Instructions
1	Switch cover
2	Emergency button
3	Build in spring antenna
4	Communication parameters DIP switch
5	Power DIP switch
6	LED indicator

2 DIP switch



Switch	Instructions	
PWR	ON	Power on
	OFF	Power off

3 Communication parameters



Name	Instructions									
F2 (Transmission time unit) ■ : ON □ : OFF	Unit		Pins							
			F2							
	Second		□							
	Minute		■							
F1	Reserved									
TX Duty (RF transmission duty) ■ : ON □ : OFF	Period	Pins								
		5	6	F2						
	1 second	□	□	□						
	10 seconds	■	□	□						
	30 seconds	□	■	□						
	60 seconds	■	■	□						
	3 minutes	□	□	■						
	5 minutes	■	□	■						
	10 minutes	□	■	■						
30 minutes	■	■	■							
RF Ch (RF Channel) ■ : ON □ : OFF	Ch	Pins				Ch	Pins			
		1	2	3	4		1	2	3	4
	0	□	□	□	□	8	□	□	□	■
	1	■	□	□	□	9	■	□	□	■
	2	□	■	□	□	A	□	■	□	■
	3	■	■	□	□	B	■	■	□	■
	4	□	□	■	□	C	□	□	■	■
	5	■	□	■	□	D	■	□	■	■
	6	□	■	■	□	E	□	■	■	■
	7	■	■	■	□	F	■	■	■	■

Name	Instructions											
PA	Factory use only											
GID (Group ID) ■ : ON □ : OFF						Group		Pin				
								6		7		
	0					□		□				
	1					■		□				
	2					□		■				
	3					■		■				
Node ID ■ : ON □ : OFF	Node	Pin					Node	Pin				
		1	2	3	4	5		1	2	3	4	5
	0	□	□	□	□	□	16	□	□	□	□	■
	1	■	□	□	□	□	17	■	□	□	□	■
	2	□	■	□	□	□	18	□	■	□	□	■
	3	■	■	□	□	□	19	■	■	□	□	■
	4	□	□	■	□	□	20	□	□	■	□	■
	5	■	□	■	□	□	21	■	□	■	□	■
	6	□	■	■	□	□	22	□	■	■	□	■
	7	■	■	■	□	□	23	■	■	■	□	■
	8	□	□	□	■	□	24	□	□	□	■	■
	9	■	□	□	■	□	25	■	□	□	■	■
	10	□	■	□	■	□	26	□	■	□	■	■
	11	■	■	□	■	□	27	■	■	□	■	■
	12	□	□	■	■	□	28	□	□	■	■	■
	13	■	□	■	■	□	29	■	□	■	■	■
	14	□	■	■	■	□	30	□	■	■	■	■
	15	■	■	■	■	□	31	■	■	■	■	■

4 Modbus Address Mapping Table

iWSN sensor Node ID	The range of address mapping (Hexadecimal)	The range of address mapping (Decimal · Base 0)	The range of address mapping (Decimal · Base 1)
1	0x0141~0x016C	321~364	40322~40365 30322~30365
2	0x0241~0x026C	577~620	40578~40621 30578~30621
...	...	...	...

For example, Node ID 1:

PLC address (Base1)	Protocol address (Base0)	Function code	Property	Data type	Description
40341 30341	340 (0x0154)	03, 04	R	Uint16	0:Normal 1:Alert